



Level 16, 41 Exhibition St, Melbourne VIC 3000
P: +61 3 9902 0741 | info@climateworksaustralia.org | climateworksaustralia.org

6/9/19

Department of the Senate
PO Box 6100, Parliament House
Canberra ACT 2600
Submitted via webform

To whom it may concern,

RE: Submission to the Senate Select Committee into Jobs for the future in Regional areas

ClimateWorks Australia welcomes the opportunity to provide input to the Senate Select Committee into Jobs for the Future in Regional Areas.

We are developing the Australian Industry Energy Transitions Initiative (the Industry ETI), with ClimateKIC to facilitate industry-led pathways to net zero emissions, with a focus on supply chains across critical sectors of the Australian economy. The Industry ETI will support Australian industry to identify the opportunities, challenges and actions to achieve net zero emissions supply chains in Australia, and opportunities for Australian industry to be a major supplier in a decarbonised global economy. The Industry ETI seeks to address many of the matters being considered by the Senate Select Committee, including long-term planning for new industries, new supply chain and employment opportunities, and the development of new export industries for Australia.

ClimateWorks develops expert, independent solutions to assist the transition to net zero emissions for Australia, South-east Asia and the Pacific. A non-profit organisation, it was co-founded in 2009 by The Myer Foundation and Monash University and works within Monash Sustainable Development Institute.

The Paris Climate Agreement has set international ambition to achieve net zero emissions by mid-century, or earlier for developed economies. The world is moving rapidly with countries and companies increasingly taking action towards net zero emissions economies and markets. Australia is well placed to benefit from the global transition to net zero emissions. We have one of the world's most formidable clean energy resource bases and established expertise in exporting critical energy and material resources. Australia also has a large and sophisticated



MONASH
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SUSTAINABLE
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THE MYER
FOUNDATION

Since ClimateWorks' launch in 2009 through a partnership between The Myer Foundation and Monash University, philanthropic support has been key to achieving our mission of catalysing Australia's transition to a prosperous, net zero emissions future. This support continues to allow us to remain truly independent, evidence-based and non-partisan.



financial services sector capable of deploying significant capital to finance a transition to net zero. Industry-led pathways to net zero emissions can identify and plan ahead to ensure Australian industry benefits from the global transition to net zero emissions. This will have flow on benefits for regional communities in terms of new industries, local investment and jobs. If well harnessed through long term planning, these advantages can create significant employment opportunities and regional development to support new evolving markets.

Low emission cement and steel are examples of new opportunities as the world transitions to net zero emissions in line with the Paris Agreement. Demand for these products is increasing globally as regulators, investors and consumers are all calling for low emission technology to be implemented. For example Climate Action 100+, a group of 320 investors that manage more than \$33 trillion in assets is demanding companies adhere to the Paris targets. In response, Heidelberg and Thyssenkrupp, the fourth largest global cement producer, and the second largest steel manufacturer in Europe, respectively have both pledged to be net zero by 2050.

In Whyalla South Australia, the GFG Alliance plans to invest over \$600 million to expand and transform the existing steelworks to lift capacity by 50%. This includes building hundreds of megawatts of solar and storage to power the industrial hub with renewable energy. The expansion of the steelworks alone is expected to create 2500 jobs, and the local council anticipates the area's population could go from 22,000 to 80,000 in the next 10 to 20 years as a result of the development of the industrial hub. The development includes building hundreds of megawatts of solar and storage to power the Next Gen steelworks.

The Industry ETI will identify practical actions, to drive investment and industry development, and employment opportunities across Australia. Leveraging the research, expertise and influence of similar programs internationally, while retaining Australian industry leadership. The program will draw on international and Australian energy transition expertise such as the Rocky Mountain Institute and CSIRO, and the work of the National Hydrogen Strategy and other Australian research on industrial decarbonisation strategies. We will highlight the importance of long term planning to support the diversification of supply chain industries and local economies.

On behalf of ClimateWorks, I thank you for the opportunity to provide input to the Senate Select Committee into Jobs for the Future in Regional Areas. Please do not hesitate to contact me if you have any further questions.

Yours sincerely,

Claire Connell

Project Manager

ClimateWorks Australia